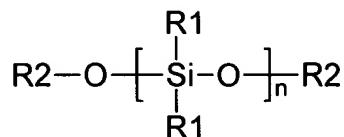


THE CLAIMS:

A clean set of claims is shown below:

1. (previously amended) Ambient temperature curing coating composition comprising



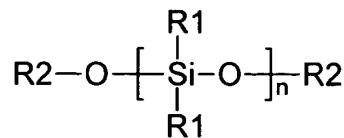
- a polysiloxane having the formula

wherein each R1 is selected from alkyl, aryl, and alkoxy groups having up to six carbon atoms, reactive glycidoxy groups, and OSi(OR₃)₃ groups, wherein each R3 independently has the same meaning as R1, each R2 is selected from hydrogen and alkyl and aryl groups having up to six carbon atoms, and wherein n is selected so that the molecular weight of the polysiloxanes is in the range of from 500 to about 2,000, and

- an alkoxy-silyl-functional acrylic polymer
- optionally water as curing agent,

wherein said coating composition comprises more than 70% by weight solids.

2. (previously amended) Ambient temperature curing coating composition comprising



- a polysiloxane having the formula

wherein each R1 is selected from alkyl, aryl, and alkoxy groups having up to six carbon atoms, reactive glycidoxy groups, and OSi(OR₃)₃ groups, wherein each R3 independently has the same meaning as R1, each R2 is selected from hydrogen

and alkyl and aryl groups having up to six carbon atoms, and wherein n is selected so that the molecular weight of the polysiloxanes is in the range of from 500 to about 2,000, and

- an alkoxy-silyl-functional acrylic polymer
- an amino-functional compound,

wherein the amino-functional compound is an aminosilane of general formula Y-Si-(O-X)₃, wherein Y is H(HNR)_a and a is an integer from one to six, each R is a difunctional organic radical independently selected from aryl, alkyl, dialkylaryl, alkoxyalkyl, and cycloalkyl radicals, and R can vary within each Y molecule, each X may be the same or different, and is limited to alkyl, hydroxyalkyl, alkoxyalkyl, and hydroxyalkoxyalkyl groups containing fewer than about six carbon atoms, and wherein said coating composition comprises more than 70% by weight solids.

3. (original) Ambient temperature curing coating composition according to claim 1 wherein the alkoxy-silyl-functional acrylic polymer is prepared from a mixture of at least three different olefinically unsaturated monomers and that said mixture is reacted in the presence of a polysiloxane, wherein at least one of the monomers is an alkoxy-silyl-functional olefinically unsaturated monomer.

4. (original) Ambient temperature curing coating composition according to claim 2 wherein the alkoxy-silyl-functional acrylic polymer is prepared from a mixture of at least three different olefinically unsaturated monomers and that said mixture is reacted in the presence of a polysiloxane, whereby at least one of the monomers is an alkoxy-silyl-functional olefinically unsaturated monomer.

5-8. (cancelled)

9. (previously amended) A finish coating and/or primer coating comprising the coating composition of claim 1.

10. (previously amended) A finish coating and/or primer coating comprising the coating composition of claim 2.
11. (previously amended) A finish coating and/or primer coating comprising the coating composition of claim 3.
12. (previously amended) A finish coating and/or primer coating comprising the coating composition of claim 4.
13. (previously amended) A finish coating on buildings, steel structures, automobiles, aircraft, other vehicles, general industrial machinery and/or fitments comprising the coating composition of claim 1.
14. (previously amended) A finish coating on buildings, steel structures, automobiles, aircraft, other vehicles, general industrial machinery and/or fitments comprising the coating composition of claim 2.
15. (previously amended) A finish coating on buildings, steel structures, automobiles, aircraft, other vehicles, general industrial machinery and/or fitments comprising the coating composition of claim 3.
16. (previously amended) A finish coating on buildings, steel structures, automobiles, aircraft, other vehicles, general industrial machinery and/or fitments comprising the coating composition of claim 4.
17. (previously added) A method of using a coating composition comprising applying the coating composition of claim 1 on a substrate.
18. (previously added) The method of claim 17 wherein the coating composition which is applied to the substrate is a finish coating, and further comprising a step of applying a primer to the substrate prior to applying the coating composition of claim 1.